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ABSTRACT OF THE DISCLOSURE

A process for removing pollutants from aqueous streams is disclosed. The process involves contacting the stream with a shaped ion exchange composite to remove ammonium and phosphate ions. The composite is a mixture of an anion exchange composition such as zirconia and a microporous cation exchange composition formed into a shaped article and optionally containing a binder such as hydrous zirconium oxide. The microporous cation exchangers are represented by the empirical formula.

$$A_{p}M_{x}Zr_{1\text{-}x}Si_{n}Ge_{y}O_{m}\quad (I)$$

or

$$A_pM_xTi_{1-x}Si_nGe_yO_m$$
 (II)

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